



R.E.M.O.4

MORE PERFORMING. MORE R.E.M.O.



**WITH THE 4 NEW INDEPENDENT MEASURING UNITS,
IT IS THE MOST EVOLVED AND PERFORMING R.E.M.O. EVER DEVELOPED**



UNPRECEDENTED POSITIONING RAPIDITY



R.E.M.O. CONTACTLESS TECHNOLOGY 4C

- **Data collection on any type of rim:** clamps and other accessories to be adapted to the wheel will no longer be necessary thanks to the R.E.M.O. technology.
- **No contact with the wheel or the rim:** the operator does not waste time in preparing the vehicle and eliminates the risk of damaging the rims.
- **True-Live Data technology:** the data of both axles are always in real time, without the need to refresh the rear axle.
- **No preliminary adjustment or preparation:** it works on any kind of car or van, automatically and independently of the operator.



TRUE-LIVE DATA AXLE SIMULTANEOUS MEASUREMENT: HIGHER PRECISION AND STABILITY OF THE MEASUREMENT, WITH NO NEED TO REFRESH!



YOUR ADVANTAGES

- **It matches with any lift or pit:** it does not require any special installation work.
- **Ease of use:** it does not require skilled or trained personnel. Simply press a button and the machine will work in total autonomy.
- **Data collection without the presence of an operator:** who in the meantime can devote himself to other tasks or sell other products/services to the customer, saving time and earning more.
- **The time saved** allows you to sell the wheel alignment service, even during the seasonal tyre changeover period.



THE FUTURE WORKSHOP

- **Pre-check functions for wheel alignment inspection upon acceptance:** THE CUSTOMER IS IMMEDIATELY INFORMED ABOUT THE SITUATION OF HIS/HER VEHICLE and the list of the services to be performed.
- **Quick scan:** thanks to the 4 robotised units, WHEEL ALIGNMENT IS CHECKED IN RECORD TIMES, without contact with the rim.
- **All values are in real time,** so you can IMMEDIATELY DECIDE WITH THE CUSTOMER, how to proceed with the work.
- **Wheel alignment adjustment:** even faster procedures with ALWAYS LIVE DATA, thanks to the True-Live-Data Contactless technology.
- **Self-adaptive wheelbase:** the 4 robotised units automatically position themselves in front of the wheels, i.e. in the optimal position for a better measurement precision.
- **Increase of the reputation and image of the workshop:** CUSTOMERS are won over by R.E.M.O. Contactless technology that they will also come from other towns, spread the word and (told by your colleagues) they ARE WILLING TO PAY MORE.



SIMPLICITY AND PRECISION FOR ALL TYPES OF WHEELS
THANKS TO THE **AUTOMATIC SCAN OF RIM AND TYRE**



R.E.M.O. 4 HELPS YOU TO INCREASE YOUR **TURNOVER!**



R.E.M.O. 4C

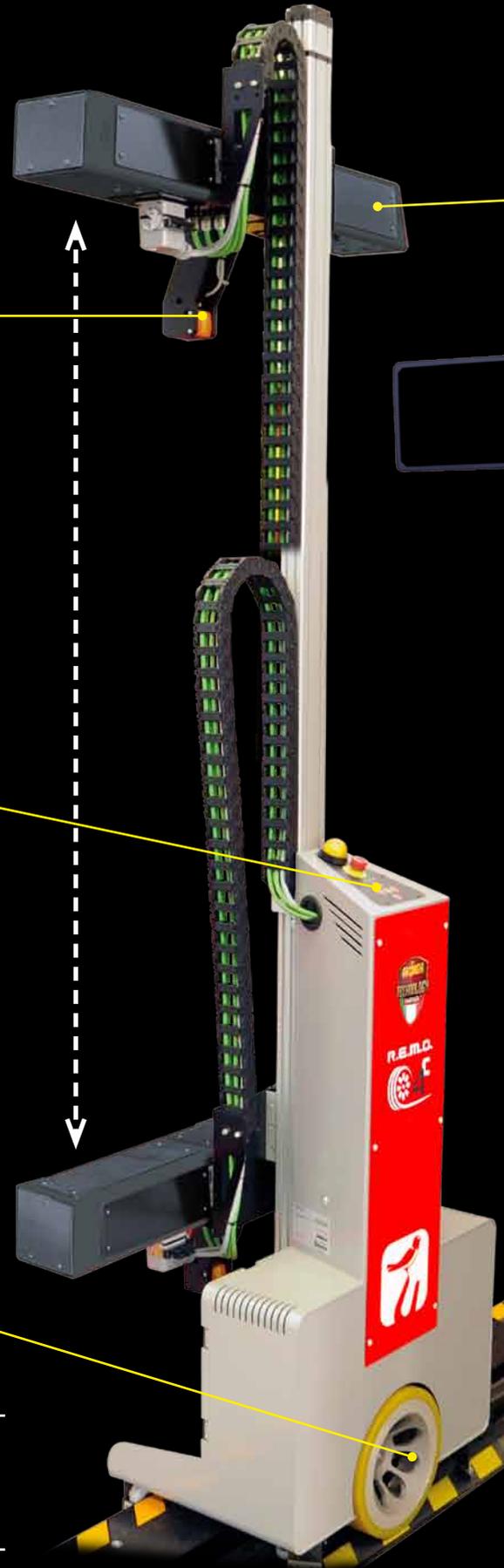
Laser distance sensor for lift and wheel search



Simple and ergonomic control panel



Controlled movement with micro controller



**FIRST EQUIPMENT IN THE WORLD FOR
WHEEL TOE-IN WITHOUT CONTACT!**

Latest generation high-resolution infra-red cameras for artificial vision

- Latest generation high-resolution HI-Q camera for artificial vision.
- Low distortion optimised lens (RAVG < 0.50% in NIR) with anti-reflection nano coating.
- Integrated LPF filter to eliminate light reflections.



| Measured angle | Working range |
|---|-------------------------------------|
| Total alignment (front and rear axles) | ± 18° |
| Single alignment (front and rear axles) | ± 9° |
| Camber | ± 10° |
| Thrust angle | ± 3° |
| Offset / stop (front axle) | ± 3° |
| Caster angle | ± 24° |
| Steering angle difference | ± 24° |
| Centre distance | 1500 - 5000 mm |
| Camera resolution | 38,400,000 Pixel, Global Shutter |



IMPROVED MEASUREMENT PRECISION THANKS TO THE LATEST GENERATION HI-Q CAMERAS FOR ARTIFICIAL VISION THAT ALLOW AN EVEN MORE REACTIVE AND RELIABLE ACQUISITION



HOW IT WORKS

R.E.M.O. AUTOMATIC PHASES 4C

Both the starting pre-check and adjustment phases are faster as heads directly position themselves in front of axles and simultaneously provide live data, without any refresh error.

Drive On Assistance function: to help customer in positioning vehicle on lift



1 Databank vehicle selection



2 Lift search* - Wheel search - Wheel measure



3 Steering - wheel parameters measurement



4 Alignment data summary



5 Possibility of reading even when the lift is raised

OK Measurement completed successfully

*Automatic lift search on request with Corghi lifts of the X5000, X4300, XT5000 and XT6500 series



ACCESSORIES COMPATIBLE WITH R.E.M.O. 4C

KIT SMART REMOTE COMPACT

Cod. 8-35100057

It includes:

- 1 specific App;
- 1 Tablet;
- 1 Protective cover;
- 1 Special connection.



KIT CAL ONE TOUCH 2.7

Cod. 8-33100144

Steering wheel rotation sensor calibration system integrated in the wheel aligner.



Essential for correctly aligning wheels on cars equipped with ESP, adaptive suspensions, dynamic steering, electric power assisted steering and adaptive lighting systems.

PRINTER SUPPORT

Cod. 8-34900036/16

Support for printer with 4 rotating wheels and compartment with door.



UPDATE CARD ALIGNER ONLINE

Cod. 8-33100043

On-line database for wheel aligners. Card of 10 credits.



KIT QR CODE COMPACT

Cod. 8-35100058

“QR code” reading system, via smartphone or tablet App, or with a wireless scanner gun to retrieve customer and car data automatically. QR code thermal printer included. Compatible with Remo Rapide.



KIT FOR THE LIST OF VISUAL INSPECTIONS

Cod. 8-35100073

A practical and customisable check-list to effectively inform the customer about the list of services to be performed on the vehicle.



DPR

Cod. 8-35100056

Software and cable kit for communication between wheel alignment and lifters series: X5000, X4300, XT5000 and XT6500. Possibility to further speed up the system by interconnecting Corghi lifts of the series X5000 and X4300.



NEW WHEEL ALIGNER WIRELESS REMOTE CONTROL

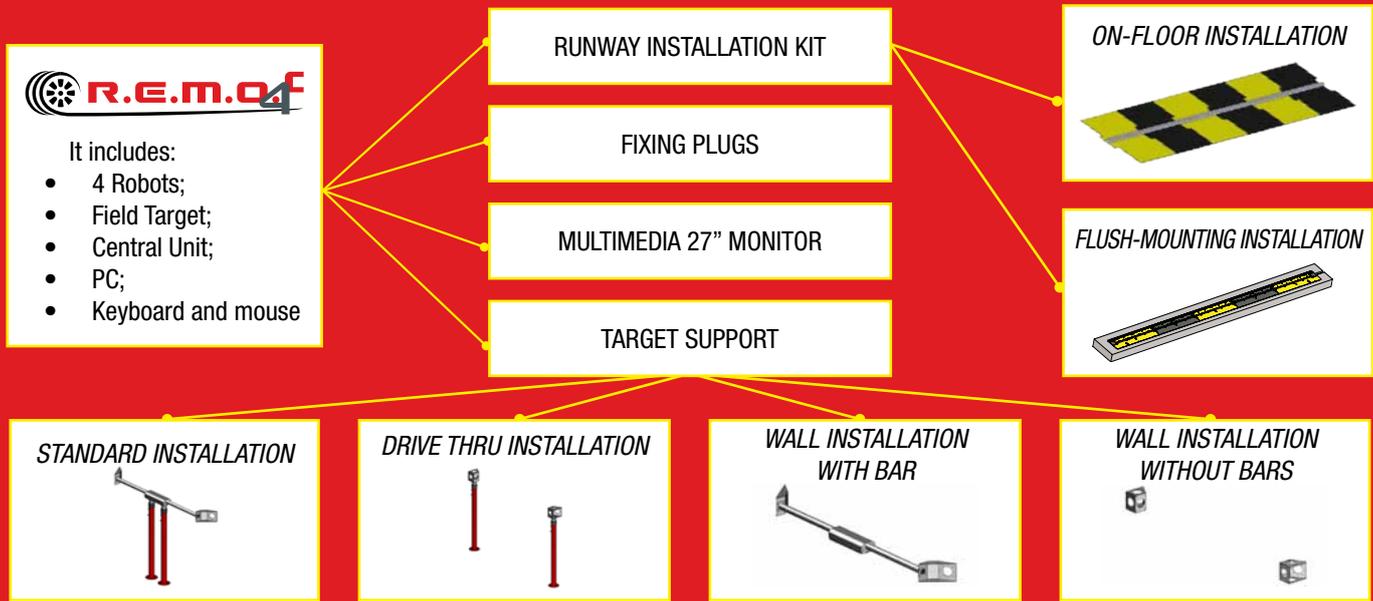
Cod. 8-35100060

New remote control with 2.4 GHz industrial frequency. Ergonomic and compact. Range: 30 metres.





BASE CONFIGURATIONS OF THE SYSTEM



MEASUREMENTS AND DIMENSIONS

Scan the QR code on the right to display on your device all the information concerning **measurements and overall dimensions** of **R.E.M.O.4**



Discover all the advantages of R.E.M.O. technology

| | | | |
|---|--|---|---|
|  | Wheel alignment inspection upon acceptance | No contact on the wheel or rim |  |
|  | No adjustment or preparation independent of the vehicle | Data acquisition with absent operator |  |
|  | Ease of use | Quick reading | FAST |
| LIVE | All values in real time | Data collection independent of the type of rim |  |



NEXION SPA - ITALY

Società unipersonale soggetta a direzione e coordinamento di Minio srl - A sole shareholder Minio company

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